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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Application No. | 09/865,879 |
| Filing Date: | May 25, 2001 |
| First Named Inventor | Roninson t al. |
| Group Art Unit | 1642 |
| Examiner Name | Misook Yu |
| Attorney Docket No. | 99,216-H |

Sheet

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U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. 1 | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
|--------------------|---------------|----------------------|--------------------------------------|---|---|---|
| | | Number | Kind Code ² (if known) | | | |
| my | | 5,444,164 | A | PURCHIO ANTHONY et al. | 08-22-1995 | |
| ↓ | | 5,965,382 | A | CASIPIIT CLAYTON et al. | 10-12-1999 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. 1 | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines Where Relevant Passages or Figures Appear | T ⁶ |
|--------------------|---------------|-------------------------|---------------------|--------------------------------------|---|---|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| my | | ✓ WO | 98/08546 | A | Inst Nat Sante Rech Med | 03-05-1998 | | |
| | | ✓ WO | 91/14695 | A | Salk Inst for Biological Studi | 10-03-1991 | | |
| | | ✓ WO | 96/23080 | A | Allergan Inc. | 08-01-1996 | | |
| | | ✓ WO | 01/18019 | A | Chang David | 03-15-2001 | | |
| | | ✓ WO | 98/23747 | A | Schering Corp. | 06-04-1998 | | |
| | | ✓ WO | 01/15520 | A | Ortho McNeil Pharm Inc. | 03-08-2001 | | |
| | | ✓ WO | 98/31701 | A | Univ. Texas | 07-23-1998 | | |
| | | ✓ WO | 00/09657 | A | Lee Mu En; Harvard College | 02-24-2000 | | |
| | | ✓ WO | 00/29437 | A | Berkenstam Anders; Pharmacia & Upjohn AB | 05-25-2000 | | |
| | | ✓ WO | 93/06835 | A | DANA Farber Cancer Inst. | 04-15-1993 | | |
| my | | EP | 0 280 135 A | A | Behringwerke AG | 08-31-1988 | Abstract only | |

EP 0280135A only Abstract considered 9-1-03, my

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| my | ✓ | MING et al., "Expression genetics: a different approach to cancer diagnosis and prognosis", Trends in Biotechnology, Elsevier Publications, Cambridge, GB, vol. 16, no. 2, February 1, 1998, pages 66-71. | |
| | ✓ | HUANG et al. "Cloning and Characterization of a Novel Retinoid-Inducible Gene 1 (RIG1) Deriving from Human Gastric Cancer Cells" Molecular and Cellular Endocrinology, Amsterdam, Netherlands, vol. 159, no. 1/2, January 25, 2000, pages 15-24. | |
| | ✓ | KUMAR et al., "Setting up Reporter-Gene Based Assay Systems for Screening Antineoplastic Drugs", Pharmaceutical Technology, June 1, 1991, pages 39-43. | |
| | ✓ | DOKMANOVIC et al., "Molecular basis of senescence—like growth arrest induced in breast carcinoma cells by retinoids" Proceedings of the American Association for Cancer Research Annual., vol. 42, March 2001, page 210. | |
| | ✓ | DOKMANOVIC et al., "Retinoid-induced growth arrest of breast carcinoma cells involves co-activation of multiple growth-inhibitory genes" Cancer Biology & Therapy, 2002 Jan-Feb. vol. 1, no. 1, January 2002 pages 24-27. | |
| | ✓ | CUBBAGE et al., "Insulin-like Growth Factor Binding protein-3", Journal of Biological Chemistry, vol. 265, no. 21, July 15, 1990, 12642-12649. | |
| | ✓ | HEMBREE et al., "Retinoid X Receptor-Specific Retinoids Inhibit the Ability of Retinoic Acid Receptor-Specific Retinoids to Increase the Level of Insulin-Like Growth Factor Binding Protein-3 in Human Ectocervical Epithelial Cells", Cancer Research vol. 56, no. 8, April 15, 1996, pages 1794-1799. | |
| | ✓ | SHANG et al., "Signal relay by retinoic acid receptors alpha and beta in the retinoic acid-induced expression of insulin-like growth factor-binding protein-3 in breast cancer cells", Journal of Biological Chemistry, vol. 274, no. 25, June 18, 1999, pages 18005-18015. | |
| | ✓ | HAN et al., "All-trans-retinoic acid increases transforming growth factor-beta-2 and insulin-like growth factor binding protein-3 expression through a retinoic acid receptor-alpha-dependent signaling pathway", Journal of Biological Chemistry, vol. 272, no. 21, 1997, pages 13711-13716. | |
| | ✓ | SIMON et al., "Effect of PD 098059, a specific inhibitor of mitogen-activated protein kinase kinase, on urokinase expression and in vitro invasion", Cancer Research, vol. 56, no. 23, 1996, pages 5369-5374. | |

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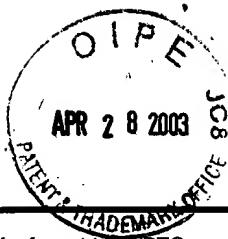
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| my | | ✓ ALBISTON et al., "Cloning and characterization of the promoter for the rat insulin-like growth factor-binding protein-3 gene" Endocrinology, vol. 136, no. 2, 1995, pages 696-704. | |
| | | ✓ HELLER et al., "Transcriptional regulation of the Bmp2 gene. Retinoic acid induction in F9 embryonal carcinoma cells and Saccharomyces cerevisiae", Journal of Biological Chemistry, vol. 274, no. 3, January 15, 1999, pages 1394-1400. | |
| | | ✓ SKONIER et al., "CDNA Cloning and Sequence and Analysis of Beta-ig-h3, a novel gene induced in a human adenocarcinoma cell line after treatment with transforming growth factor-beta", DNA and Cell Biology, vol. 11, no. 7, 1992, pages 511-522. | |
| | | ✓ SKONIER et al., "Betaig-H3: A Transforming Growth Factor-Beta-Responsive Gene Encoding A Secreted Protein That Inhibits Cell Attachment in Vitro and Suppresses the Growth of Cho Cells in Nude Mice", DNA and Cell Biology, New York, NY, vol. 13, no. 6, 1994, pages 571-584. | |
| | | ✓ TSUJIMOTO et al. "Differential gene expression in tumorigenic and nontumorigenic HeLa x normal human fibroblast hybrid cell", Molecular Carcinogenesis, vol. 26, no. 4, December 1999, pages 298-304. | |
| | | ✓ SCHENKER et al., "Down-regulated proteins of Mesenchymal tumor cells" Experimental Cell Research, vol. 239, no. 1, February 25, 1998, pages 161-168. | |
| | | ✓ DATABASE GenBank NCBI; 30 March 1998 AC004503. | |
| | | ✓ HU et al., "Profiling of differentially expressed cancer-related genes in esophageal squamous cell carcinoma (ESCC) using human cancer cDNA arrays: overexpression of oncogene MET correlates with tumor differentiation in ESCC" Clinical Cancer Research: An Official Journal of the American Association for Cancer Research, Nov. 2001, vol. 7, no. 11, November 2001, pages 3519- | |
| | | ✓ CHEN et al., "Characterization of the human EPLIN gene reveals distinct promoters for the two EPLIN isoforms" Gene vol. 248, no. 1-2, May 2, 2000, pages 69-76. | |
| | | ✓ MAUL et al., Eplin, Epithelial Protein Lost in Neoplasm" Oncogene, vol. 18, 1999, pages 7838-7841. | |
| | | ✓ YUAN-CHING et al., "A MHC-encoded ubiquitin-like protein (FAT10) binds noncovalently to the spindle assembly checkpoint protein MAD2" Proceedings of the National Academy of Sciences of the United States, vol. 96, no. 8, April 13, 1999, pages 4313-4318. | |
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|--------------------|---------------|---|---------------------------|
| <i>my</i> | | <input checked="" type="checkbox"/> RAASI et al., "A ubiquitin-like protein which is synergistically inducible by interferon-gamma and tumor necrosis factor-alpha", European Journal of Immunology, Germany, Dec. 1999, vol. 29, no. 12, pages 4030-4036. | |
| | | <input checked="" type="checkbox"/> DATABASE EMBL Online, October 27, 1998, Database Accession no. AL031983. | |
| | | <input checked="" type="checkbox"/> RAASI et al., "The ubiquitin-like protein FAT10 forms covalent conjugates and induces apoptosis", Journal of Biological Chemistry, vol. 276, no. 38, September 21, 2001 pages 35334-35343. | |
| | | <input checked="" type="checkbox"/> DATABASE EMBL Online, January 11, 2000, Database Accession no. AL136295. | |
| | | <input checked="" type="checkbox"/> FRISAN et al., "Variations in proteasome subunit composition and enzymatic activity in B-lymphoma lines and normal B cells." International Journal of Cancer, vol. 88, no. 6, 2000, pages 881-888. | |
| | | <input checked="" type="checkbox"/> GROETTRUP et al., "A role for the proteasome regulator PA28-alpha in antigen presentation.", Nature (London), vol. 381, no. 6578, 1996, pages 166-168. | |
| | | <input checked="" type="checkbox"/> DELP et al, "Functional deficiencies of components of the MHC class I antigen pathway in human tumors of epithelial origin", Bone Marrow Transplantation, vol. 25, no. Supplement 2, May 2000, pages S88-S95. | |
| | | <input checked="" type="checkbox"/> WOJCIK and WILK, "Changes in proteasome expression and activity during differentiation of neuronal precursor Ntera 2 clone D1 cells", Neurochemistry International, vol. 34, 1999, pages 131-136. | |
| | | <input checked="" type="checkbox"/> RITZ et al., "Deficient expression of components of the MHC class I antigen processing machinery in human cervical carcinoma." International Journal of Oncology, vol. 19, no. 6, December 2001, pages 1211-1220. | |
| | | <input checked="" type="checkbox"/> BRAKEBUSCH et al., "Isolation and functional Characterization of the Human 90K promoter." Genomics, vol. 57, no. 2, April 15, 1999, pages 268-278. | |
| | | <input checked="" type="checkbox"/> CHANG et al., "Effects of p21WAF1/CIP1/SDI1 on Cellular Gene Expression: Implications for Carcinogenesis, Senescence, and Age-Related Diseases" Proceedings of the National Academy of Sciences of USA, National Academy of Science. Washington, US. Vol. 97, no. 8, April 2000, pages 4291-4296. | |
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| MY | | ✓ BRAKEBUSCH et al., "Expression of the 90K immunostimulator gene is controlled by a promoter with Unique Features" Journal of Biological Chemistry, vol. 272, no. 6, 1997 pages 3674-3682. | |
| | | ✓ MARCHETTI ANTONIO et al: "Expression of 90K (Mac-2 BP) correlates with distant metastasis and predicts survival in stage I non-small cell lung cancer patients." Cancer Research, May 1, 2002, vol. 62, no. 9, pages 2535-2539. | |
| | | ✓ HAYASHI et al., "Regulation of the human protein C inhibitor gene expression in HepG2 cells: role of Sp1 and AP2", The Biochemical Journal, June 1, 1998, vol. 332, June 1, 1998. | |
| | | ✓ SUZUKI et al. "Protein C inhibitor (PAI-3): Structure and multi-function." Fibrinolysis & Proteolysis, vol. 14, no. 2-3, March 2000, pages 133-145. | |
| | | ✓ DATABASE EMBL Online EBI; November 15, 1999, Accession No. AL132990. | |
| | | ✓ HETTMANN et al., "The Human T Cell Receptor Gamma Genes are Transcribed from Tata-less Promoters Containing a Conserved Heptamer Sequence", Molecular Immunology, vol. 29, no. 9, 1992, pages 1073-1080. | |
| | | ✓ DATABASE EMBL 'Online' November 23, 1989 Accession No. X15274. | |
| | | ✓ ESSAND et al., "High expression of a specific T-cell receptor gamma transcript in epithelial cells of the prostate", Proceedings of the National Academy of Science, vol. 96, August 1999, pages 9287-9292. | |
| | | ✓ WRIGHT et al., "Molecular Cloning, refined chromosomal mapping and structural analysis of the human gene encoding aldehyde oxidase (AOX1), a candidate for the ALS2 gene", Redox Report, vol. 3, 1997, pages 135-144. | |

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|--------------------|------------|--|----------------|
| Amj | | ✓ TERAQ et al., "Isolation and characterization of the human aldehyde oxidase gene: conservation of intron/exon boundaries with the xanthine oxidoreductase gene indicates a common origin", The Biochemical Journal, England, June 1, 1998, vol. 332. | |
| | | ✓ TOMITA et al., "Retinal oxidase is identical to aldehyde oxidase", FEBS Letters, vol. 336, no. 2, 1993, pages 272-274. | |
| | | ✓ SATO et al., "Changes of gene expression by lysophosphatidylcholine in vascular endothelial cells: 12 Up-regulated distinct genes including 5 cell growth-related, 3 thrombosis-related, and 4 others.", Journal of Biochemistry, vol. 123, no. 6, June 1998, pages 1119-1126. | |
| | | ✓ LAUTNER-RIESKE et al., "Searching for non-Vkappa transcripts from the human immunoglobulin kappa locus", Gene, Elsevier Biomedical Press., Amsterdam, NL. Vol. 159, no. 2, July 4 1995, pages 199-202. | |
| | | ✓ DATABASE Genbank, Shimizu and Kawasaki, "Homo sapiens genomic DNA, chromosome 2p11.2, clone:cos607/4", Accession no. AP001234. | |
| | | ✓ DEL CARMEN DE MARCO MARIA et al. "Bene, a novel raft-associated protein of the MAL proteolipid family, interacts with caveolin-1 in human endothelial-like ECV304 cells" Journal of Biological Chemistry, vol. 276, no. 25, June 22, 2001, pages 23009-23017. | |
| | | ✓ WIESENER et al., "Induction of endothelial PAS domain protein-1 by hypoxia: Characterization and comparison with hypoxia-inducible factor-alpha", Blood, vol. 92, no. 7, October 1, 1998, pages 2260-2268. | |
| | | ✓ DATABASE EMBL "Online" December 14, 1999, Sulston: "Homo sapiens BAC clone RP11-130P22 form 2, complete sequence", Accession No. AC016696. | |
| | | ✓ DANG et al., "Oncogenes in Tumor Metabolism, Tumorigenesis, and Apoptosis", Journal of Bioenergetics and Biomembranes, plenum publishing, New York, NY, US, vol. 29, no. 4, August 1997, pages 345-354. | |

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| MS | ✓ | FELDSER et al., "Reciprocal positive regulation of hypoxia-inducible factor 1alpha and insulin-like growth factor 2", Cancer Research, American Association for Cancer Research, vol. 59, August 15, 1999, pages 3915-3918. | |
| | ✓ | BLANCHER et al., "The Molecular Basis of the Hypoxia response Pathway: Tumour hypoxias a therapy target", Cancer Metastasis, vol. 17, 1998, pages 187-194. | |
| | ✓ | TALKS et al., "The expression and distribution of the hypoxia-inducible factors HIF-1alpha and HIF-2alpha in normal human tissues, cancers, and tumor-associated macrophages." American Journal of Pathology, August 2000, vol. 157, no. 2, August 2000, pages 411-421. | |
| | ✓ | ORD et al., "Structure of the Gene Encoding the Human Leukocyte Adhesion Molecule-1 TQ1 LEU-8 of Lymphocytes and Neutrophils", Journal of Biological Chemistry, vol. 265, no. 14, 1990, pages 7760-7767. | |
| | ✓ | DATABASE Biosis "Online" Biosciences Information Service, Philadelphia, PA, February 2000, Accession no. PREV200000177491 XP002224066. | |
| | ✓ | TATEWAKI et al., "Constitutive overexpression of the L-selectin gene in fresh leukemic cells of adult T-cell leukemia that can be transactivated by human T-cell lymphotropic virus type 1 Tax." Blood, United States, October 15, 1995, pages 3109-3117. | |
| | ✓ | QIAN et al., "L-selectin can facilitate metastasis to lymph nodes in a transgenic mouse model of carcinogenesis." Proceedings of the National Academy of Sciences of the United States, vol. 98, no. 7, March 27, 2001, pages 3976-3981. | |
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